

Datasheet: ANDMTE

Sheath thermocouple

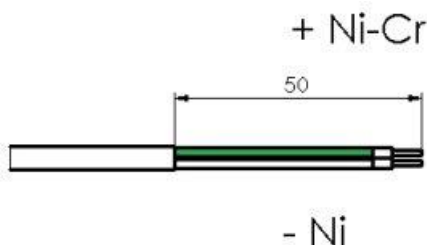
Application

For temperature Measurements between -220 and +1150°C in liquid or gaseous media. Because of their special interior design with magnesium oxide, thermocouple elements can be used for applications with high pressure and vibrations while guaranteeing a long life span. Sheath Thermocouples are bendable and have a fast response time. The MTEs are in-stalled with the help of screw clamps.

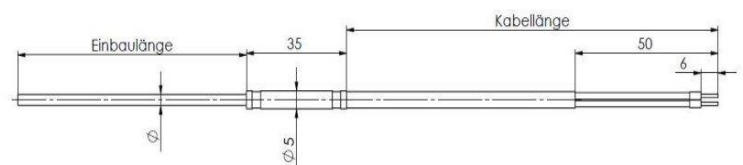
Technical Data

General information	
Thermocouple	1x NiCr-Ni Type K acc. DIN IEC 584 – isolated
Diameter	1/1.5/2/3/4.5/6 mm at customer's opinion
Fitting length	100/150/200/300/400/500 mm at customer's opinion
Material	2.4816 - Inconel 600
Connective sleeve	5x35 mm (Ø6 mm: 8x40 mm)
Thermos line	2m - glass-fibre cord, stainless steel coating
Connection ends	50 mm loose ends with core-end sleeves
Protection class	IP54
Tmax thermocouple	1150°C
Tmax thermoline	400°C

Electrical connection



Draft



Standards

EU-Richtline 2014/30/EU

DIN EN 61326-2-1:2013

Accessories



Compression fittings

Special sensor models available on demand.

Installation / Guarantee

The installation of the devices should be done only by qualified personnel. - The device may only be connected with the power off. - The safety of the VDE, the states, the TÜV and the local energy supply company must be observed. - The EMC directives must be observed. It must be shielded connecting lines, laying parallel with current-carrying - Lines should be avoided. - Operation in the vicinity of equipment that do not comply with EMC directives may adversely affect the functioning - The buyer has to ensure compliance with the relevant building and safety guidelines - This product should not be used for safety-related tasks, such as the protection of persons as an emergency stop switch on equipment. - Improper use of any defects and damages are excluded from the warranty and liability. - Consequential damages caused by a fault in this device are excluded from warranty or liability. - Solely the technical data and connecting conditions of the mounting and operating instructions supplied with the instrument. Changes are possible at any time in the sense of technical progress and the improvement of products. - Changes of the device by the user, all warranty claims.

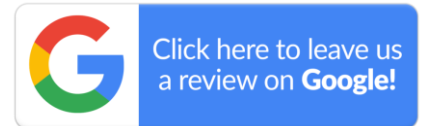
Product Web Links:

EN <https://www.andivi.com/sensors/temperature-sensors/sheath-thermocouple/>

SI <https://www.andivi.si/senzorji-tipala/temperaturni-senzorji-in-tipala/plascni-termoelement/>

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